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(71)Applicant : SUMITOMO METAL MINING CO  
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(54) PASTE FOR INNER ELECTRODE OF LAMINATED CAPACITOR

(57)Abstract:

PURPOSE: To suppress generation of a palladium oxide by incorporating a special amount of nickel in a paste composition containing silver and palladium as conductive ingredients.

CONSTITUTION: Paste for an inner electrode of a laminated capacitor containing silver and palladium as conductive ingredients contains 0.5-3wt.% of nickel powder per 100 pts.wt. of silver. The ingredients includes, for example, mixture powder of silver, palladium and nickel, silver-palladium alloy powder and nickel powder, silver-palladium-nickel alloy powder or mixture powder thereof. Vehicle to be used contains resin component and solvent. The resin includes, for example, cellulosic resin, acrylic resin, etc. The solvent includes, for example, alcohols, ketones, naphthas, etc. Thus, oxidation expansion of the palladium is not almost recognized during burning, and a laminated capacitor having high reliability can be obtained.